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C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

7.1.7.a Valve Tables

C-A OP	M Procedures in which	ch this Attachment is used	1.
7.1.7			
	Hand Processed	Changes	
HPC No.	<u>Date</u>	Page Nos.	<u>Initials</u>
			
Appro	oved:Signatu	re On File	
	Collider-Acce	elerator Department Chair	rman Dat

E. Quimby

Initial Valve Configuration

	VALVE #	POSITION	DESCRIPTION	P&ID
<u>LOCATION</u>				
	H2173M	CLOSED	Misc.	F7
	H2174M	CLOSED	Misc.	F7
	H2175M	CLOSED	Main process OUT	F1
	H2176A	CLOSED	Main process IN	E8
	H2183M	CLOSED	Purge supply	D8
	H2190M	CLOSED	Purge return	B8
	H2197M	CLOSED	Misc.	E1
	E2169A	CLOSED	Oil Return	E2
	E2171M	CLOSED	Oil fill	C5
	E2177M	CLOSED	Oil fill	C4
	E2187A	CLOSED	Oil Supply	E2
	E2198M	CLOSED	Misc.	C3
	E2199M	CLOSED	Misc.	C2
	E2170M	CLOSED	Misc.	D4
	E2156M	CLOSED	Misc.	C2
	E2196M	CLOSED	Misc.	E2
	V2189M	CLOSED	Evacuation	B7
	W2193M	CLOSED	Misc.	B1
	VV 21 / 31VI	CLOSED	Wilse.	Dī
LOCATION	VALVE #	<u>POSITION</u>	DESCRIPTION	P&ID
<u>LOCATION</u>	VALVE#	POSITION	DESCRIPTION	P&ID
<u>LOCATION</u>	<u>VALVE #</u> H2167M	POSITION OPEN PSH2	DESCRIPTION 181H isolation	<u>P&ID</u> F3
<u>LOCATION</u>	VALVE # H2167M H2168M	POSITION OPEN PSH2 OPEN PI218	DESCRIPTION 181H isolation 1 isolation	P&ID F3 F3
<u>LOCATION</u>	VALVE # H2167M H2168M H2177M	POSITION OPEN PSH2 OPEN PI218 OPEN PI217	DESCRIPTION 181H isolation 1 isolation 8 isolation	P&ID F3 F3 F6
<u>LOCATION</u>	VALVE # H2167M H2168M H2177M H2178M	POSITION OPEN PSH2 OPEN PI218 OPEN PI217 OPEN PSL2	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation	P&ID F3 F3 F6 F7
<u>LOCATION</u>	VALVE # H2167M H2168M H2177M H2178M H2181M	POSITION OPEN PSH2 OPEN PI218 OPEN PI217 OPEN PSL2 OPEN DPSI2	DESCRIPTION 181H isolation 1 isolation 8 isolation	P&ID F3 F3 F6 F7 E4
<u>LOCATION</u>	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PI217 OPEN PSL2 OPEN DPSI2 N Misc.	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation	P&ID F3 F3 F6 F7 E4 F7
<u>LOCATION</u>	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSI2 N Misc. N Misc.	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation 2188E isolation	P&ID F3 F3 F6 F7 E4 F7 H7
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSI2 N Misc. N Misc. N PI218	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation 2188E isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE E2183MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSI2 N Misc. N Misc. N PI218 N F2184	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation 2188E isolation 8 isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5 C4
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE E2183MOPE E2186MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSI2 N Misc. N Misc. N PI218 N F2184 N F2184	DESCRIPTION 181H isolation 1 isolation 8 isolation 2188E isolation 8 isolation 1 isolation 1 isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5 C4 C5
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE E2183MOPE E2186MOPE E2188MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSI2 N Misc. N Misc. N PI218 N F2184 N F2184 N DPSI2	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation 2188E isolation 4 isolation 1 isolation 2188E isolation 2188E isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5 C4 C5 E5
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE E2183MOPE E2186MOPE E2188MOPE E2188MOPE E2192MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PI217 OPEN PSL2 OPEN DPSI2 N Misc. N Misc. N PI218 N F2184 N F2184 N DPSI2 N PI219	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation 2188E isolation 4 isolation 1 isolation 2188E isolation 2188E isolation 2188E isolation 2188E isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5 C4 C5 E5 C3
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE E2183MOPE E2186MOPE E2188MOPE E2192MOPE E2193MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSI2 N Misc. N Misc. N PI218 N F2184 N F2184 N DPSI2 N PI219 N LI219	DESCRIPTION 181H isolation 1 isolation 8 isolation 2188E isolation 4 isolation 2188E isolation 2188E isolation 3 isolation 4 isolation 2188E isolation 2188E isolation 3 isolation 4 isolation 5 isolation 6 isolation 7 isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5 C4 C5 E5 C3 F2
LOCATION	VALVE # H2167M H2168M H2177M H2178M H2181M E2157MOPE E2159MOPE E2160MOPE E2183MOPE E2186MOPE E2188MOPE E2188MOPE E2192MOPE	POSITION OPEN PSH2 OPEN PI218 OPEN PSL2 OPEN DPSL2 OPEN DPSL2 N Misc. N Misc. N PI218 N F2184 N F2184 N DPSL2 N PI219 N LI219	DESCRIPTION 181H isolation 1 isolation 8 isolation 178H isolation 2188E isolation 4 isolation 1 isolation 2188E isolation 2188E isolation 2188E isolation 2188E isolation	P&ID F3 F3 F6 F7 E4 F7 H7 E5 C4 C5 E5 C3